

ABSTRACT OF THE DISCLOSURE

An agglutination assay method for quantitatively determination of an analyte in a liquid sample using particles bearing an anti-analyte. A non-fluid substance which retains the particles while suppressing the diffusion of the particles therein is used as a medium which is to be a place where the agglutination of the particles takes place. Upon analysis, a solation agent is added to the non-fluid substance medium to increase the fluidity of the non-fluid substance, thereby the particles bearing the anti-analyte can diffuse in the medium to cause the agglutination with the analyte. Preferably, the solation agent is added to the non-fluid medium together with the sample. The non-fluid substance medium containing the particle-labeled anti-analyte can be stored with a higher stability in the dry state. A dry analysis element for enabling such analysis method is also provided.